SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30

1. REQUISITION NUMBER W56MES-4079-8478	PAGE 1 OF 7

2. CONTRACT NO.	3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER	5. SOLICITATION NUMBER W911XK-04-T-0032	6. SOLICITATION ISSUE DATE 29-Mar-2004

7. FOR SOLICITATION INFORMATION CALL:	a. NAME SAMMIE HART	b. TELEPHONE NUMBER *(No Collect Calls)* 313 226-6358	8. OFFER DUE DATE/LOCAL TIME 02:00 PM 02 Apr 2004

9. ISSUED BY CODE W911XK

CONTRACTING DIVISION
DETROIT DISTRICT, USAED P.O. BOX 1027
DETROIT MI 48231-1027

TEL: (313) 226-5148
FAX: (313) 226-2209

10. THIS ACQUISITION IS
- [ ] UNRESTRICTED
- [X] SET ASIDE: 100% FOR
  - [X] SMALL BUSINESS
  - [ ] SMALL DISADV. BUSINESS
  - [ ] 8(A)

SIC: 8243
SIZE STANDARD: $

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
- [ ] SEE SCHEDULE

12. DISCOUNT TERMS

13a. THIS CONTRACT IS A RATED ORDER
- [ ] UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION
- [X] RFQ
- [ ] IFB
- [ ] RFP

15. DELIVER TO CODE DACW35
U S ARMY ENGINEER DISTRICT, DETROIT
477 MICHIGAN AVE.
DETROIT, MI 48226
TEL: FAX:

16. ADMINISTERED BY CODE

17a. CONTRACTOR/ OFFEROR CODE

TEL.

FACILITY CODE

18a. PAYMENT WILL BE MADE BY CODE

- [ ] **17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER**
- **18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED** [ ] SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

25. ACCOUNTING AND APPROPRIATION DATA	26. TOTAL AWARD AMOUNT

- [ ] 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED
- [ ] 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

- [ ] 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 0 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.
- [ ] 29. AWARD OF CONTRACT: REFERENCE OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR	31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)	31c. DATE SIGNED

30b. NAME AND TITLE OF SIGNER *(TYPE OR PRINT)*	30c. DATE SIGNED	31b. NAME OF CONTRACTING OFFICER *(TYPE OR PRINT)* TEL: EMAIL:

32a. QUANTITY IN COLUMN 21 HAS BEEN
- [ ] RECEIVED [ ] INSPECTED [ ] ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED

33. SHIP NUMBER [ ] PARTIAL [ ] FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR

32b. SIGNATURE OF AUTHORIZED GOVT. REPRESENTATIVE	32c. DATE	36. PAYMENT [ ] COMPLETE [ ] PARTIAL [ ] FINAL	37. CHECK NUMBER

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT

41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE

42a. RECEIVED BY *(Print)*

42b. RECEIVED AT *(Location)*

42c. DATE REC'D *(YY/MM/DD)*	42d. TOTAL CONTAINERS

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 1449 (10-95)
Prescribed by GSA
FAR (48 CFR) 53.212

Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001		1	Lump Sum		

Microstation training for 30 students &
FFP
Inroads Survey for 10 in accordance with the scope of work during the period from
19 April 2004 thru 21 April 2004.

Solicitation available at www.lre.usace.army.mil.

Contact person: Yolanda McLaurin (313) 226-6447
PURCHASE REQUEST NUMBER: W56MES-4079-8478

NET AMT

FOB: Destination

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	21-APR-2004	1	U S ARMY ENGINEER DISTRICT, DETROIT 477 MICHIGAN AVE. DETROIT, MI 48226 FOB: Destination	DACW35

CLAUSES INCORPORATED BY REFERENCE

52.212-4	Contract Terms and Conditions--Commercial Items	OCT 2003
52.212-5	Contract Terms and Conditions Required to Implement Statutes or Executive Orders--Commercial Items	JAN 2004
252.204-7004 Alt A	Required Central Contractor Registration Alternate A	NOV 2003
252.212-7001	Contract Terms and Conditions Required to Implement Statutes or Executive Orders Applicable to Defense Acquisitions of Commercial Items	JAN 2004

SCOPE OF WORK

Scope of Work Microstation V8 User Upgrade & Inroads Survey Training

The Detroit District Corp of Engineers requires a facilitator to work with a group of about _24_ participants for Microstation users who are preparing to use Microstation V8 and about 6 participants for the Inroads Survey course. This session is intended to teach the new capabilities of Microstation V8 and Inroads Survey as listed below. Facilitator will work with and develop each participants understanding of Microstation V8 and Inroads Survey. This training will occur starting 19 April – 21 April, from _8:00 am to 5:00 PM_.

The training requirements are as follows:

April 19 – V8 Microstation – max class size 15 students
April 20 – V8 Microstation – max class size 15 students
April 21 – Inroads Survey – max class size 10 students

An important part of training is the involvement of the participants in the program. The sessions need to be designed to be interactive and hands on as much as possible, to ensure participation and skill building. Appropriate handout materials should be provided to help further the participants learning and understanding. Some discussions should include ties to the Corps of Engineers workflow and mission.

The contractor will need to provide an agenda detailing the timeline for the day and a copy of any handout materials to the Corps of Engineers prior to the training for approval.

The session should focus on, but not be limited to, updates in the following subjects:
Special attention should be given to underlined subject matter.

Microstation V8 User Upgrade

1. Introduction
Enhancement Summary, Design File Overview, and Implementation

2. Design Environment
Microstation Manager, Primary Toolbox, Attributes Toolbox, Show/Hide Menu, Message Center, View Attributes, AccuDraw / AccuSnap

3. Upgrading Files
Upgrading Design Files, Upgrading Cell Libraries, Workmodes

4. Levels

Converting V7 Levels, Level Libraries, Level Display, Level Manager, Level Symbology, and Level Filters

5. Models

Models Overview, Models Dialog, View Groups, and Using Models

6. Cells

Cell Library Overview, Upgrading Cell Libraries, Cell Manipulation, Attaching Cell Libraries, and Creating Cell Libraries

7. References

Attaching References, References Enhancemants, Reference Levels, Reference Level Symbology, Live Nesting

8. AutoCAD

DWG Workmode, DWG File Operations, AutoCAD Resources, AutoCAD References, Model Space / Paper Space, ByCell Attribute

9. Annotation

Text Styles, Text Editor, Font Support, Dimension Styles, DGN Libraries

10. Printing -Plotting Methodologies

11. Tool

Power Selector, Change Element Attributes, Fence, Manipulate Tools, Element Placement, Browsing Tool, 3D Tools, Patterning / Hatching, Tags, Engineering Links

12. Help

Online Help, Launch Tools, Microstation on the Web (MOTW)

13. Raster Manager

Raster Manager Tools, Raster Manager Preferences, Image Manager

14. Design History
Design History Control, Initializing Design History, Committing Changes, Restoring Elements, Design History Dialog *addition: RED LINE?*

15. Visual Basic for Applications

VBA Project Manager, Macros Dialog

Inroads Survey

1. Introduction to Inroads Survey

Electronic data capture, feature driven processing, Interactive review and editing, Survey adjustments, Constructions surveys, Generating surfaces, Projections

2. Managers

Symbology manager, Feature Style manager, Preference manager

3. Importing a Data Collector File

Correcting errors, Saving files

4. Features

Feature coding, Alpha coding, Syntax, Curves, Point connection, Numeric coding, Line connectivity, Using control codes, Creating a new feature

5. Field Book Editing

Correcting coordinates, Fixing coding errors, Having points connected by lines ASCII loader,
Formatting data, Saving data formats

6. Adjustments

Collecting data, Traverse adjustments, Doing a traverse adjustments

7. Least Squares Adjustments

Adding data to the field book, adjusting data

8. Export Surface Creation

Creating a digital terrain model, Set up display contours, A simple report, Saving a geometry file, Export a data collector file

9. COGO and Alignments

Displaying geometry project, Setting the geometry style, Deeds to reconstruct, Correcting an error, Creating lot from COGO points